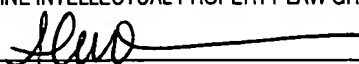


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Patent Application, Commissioner for Patents, P.O. Box 1450
Alexandria, VA 22313-1450, on February 6, 2004

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By


Amelia Weintraub

Attorney Docket No. 60-002234US
Client Reference No. 0086.CNUS04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Monto Hiroshi Kumagai, et al.

Application No.: Not Yet Known

Filed: February 6, 2004

For: CYTOPLASMIC INHIBITION OF
GENE EXPRESSION

Examiner: Terry Alan McKelvey

Art Unit: 1636

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97 and
§ 1.98

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

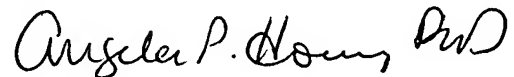
The references cited on the attached PTO-1449 form are being called to the attention of the Examiner to make of record references cited in parent application USSN 10/103,450 filed March 20, 2002. Pursuant to 37 CFR § 1.98(d), copies of references cited in parent application USSN 10/103,450 filed March 20, 2002 are not provided. However the applicants will gladly provide fresh copies of any references requested by the Examiner.

It is respectfully requested that the cited information on the attached 1449 form(s) be expressly considered during the prosecution of this application, and that references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in cursive script that reads "Angela P. Horne, Ph.D.".

Angela P. Horne, Ph.D.
Reg. No. 41,079

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APH:db

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	10/103,450 Not Yet known
	Filing Date	March 20, 2002 February 6, 2004
	First Named Inventor	M into Hiroshi Kumagai
	Group Art Unit	1636
	Examiner Name	Terry Alan McKelvey
Attorney Docket Number	60-002233US 60-002234US	
Date Submitted	February 27, 2003 February 6, 2004	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
	AA	5,316,930		Loesch-Fries et al.	05/31/1994	
	AB	5,316,931		Donson et al.	05/31/1994	
	AC	5,922,602		Kumagai et al.	07/13/1999	

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Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	
	AD	Helene et al., Biochim. Et Biophys. Acta, 1990, vol. 1049, pp. 99-125		
	AE	French et al., Science, vol. 231, pp. 1294-1297		
	AF	Brisson et al., Expression of a bacterial gene in plants by using a viral vector, Nature, vol. 310, August 9, 1984		
	AG	Lehto et al., Virology, 1990, vol. 175, pp. 30-40.		
	AH	Stein et al., Science, Aug. 20, 1993, vol. 261, pp. 1004-1011.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

COPY FROM PARENT

not yet known

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. 60-002234US
8129-088-933 60-002233USSERIAL NO.
10/103,450
08/100,546

APPLICANT

Kumagai et al.

FILING DATE

March 20, 2002
June 10, 1994 February 6, 2004

GROUP

NHA-1636

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,107,065	April 21, 1992	Anti-Sense Regulation of Gene Expression in Plant Cells			
	AB	5,231,020	July 27, 1993	Genetic Engineering of Novel Plant Phenotypes			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AC	WO 93/03161	February 18, 1993	PCT				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AD	Rothstein, Steven J. et al. "Stable and heritable inhibition of the expression of nopaline synthase in tobacco expressing antisense RNA". <u>Proceedings of the National Academy of Sciences, USA</u> 84:8439-8443 (1987).
	AE	Smith, C.J.S. et al. "Antisense RNA inhibition of polygalacturonase gene expression in transgenic tomatoes". <u>Nature</u> 334: 724-726 (1988).
	AF	Jorgensen, Richard. "Altered gene expression in plants due to <i>trans</i> interactions between homologous genes". <u>Tibtech</u> , Vol 8: 340-344 (1990).
	AG	Grierson, Don et al. "Does co-suppression of sense genes in transgenic plants involve antisense RNA?" <u>Tibtech</u> Vol. 9: 122-123 (1991). duplicate (see pg 7)
	AH	Bird, Colin R. et al. "Using Antisense RNA To Study Gene Function: Inhibition Of Carotenoid Biosynthesis In Transgenic Tomatoes". <u>Bio/Technology</u> , Vol 9: 635-639 (1991). duplicate (page 7)
	AI	Bartley, Glenn E. et al. "Molecular cloning and expression in photosynthetic bacteria of a soybean cDNA coding for phytoene desaturase, an enzyme of the carotenoid biosynthesis pathway". <u>Proceedings of the National Academy of Sciences, USA</u> 88: 6532-6536 (1991). duplicate (page 7)
	AJ	Bartley, Glenn E. et al. "A Tomato Gene Expressed during Fruit Ripening Encodes an Enzyme of the Carotenoid Biosynthesis Pathway". <u>The American Society for Biochemistry and Molecular Biology, Inc.</u> Vol. 267, No. 8: 5036-5039 (1992). duplicate (pg 7)

	AK	Donson, J. et al. "Systemic expression of a bacterial gene by a tobacco mosaic virus-based vector". <u>Proceedings of the National Academy of Sciences, USA</u> , Vol. 88: 7204-7208 (1991).
	AL	Packer, Iris et al. "A single polypeptide catalyzing the conversion of phytoene to β -carotene is transcriptionally regulated during tomato fruit ripening". <u>Proceedings of the National Academy of Sciences, USA</u> Vol. 89: 4962-4966 (1992).
	AM	Gray, Julie et al. "Molecular biology of fruit ripening and its manipulation with antisense genes". <u>Plant Molecular Biology</u> 19: 69-87 (1992).
	AN	Scolnik, Pablo and Bartley Glenn E. "Phytoene Desaturase from <i>Arabidopsis</i> ". <u>Plant Physiology</u> 103: 1475 (1993).
	AO	Giullano, Giovanni et al. "Regulation of Carotenoid Biosynthesis during Tomato Development". <u>The Plant Cell</u> , Vol. 5:379-387 (1993).
	AP	Dogbo, Odette et al. "Carotenoid biosynthesis: Isolation and characterization of a bifunctional enzyme catalyzing the synthesis of phytoene". <u>Proceedings of the National Academy of Sciences, USA</u> 85: 7054-7058 (1988).
	AQ	van der Krol, Alexander R. et al. "An anti-sense chalcone synthase gene in transgenic plants inhibits flower pigmentation". <u>Nature</u> 333: 866-869 (1988).
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

COPY FROM PARENT

Not Yet Known
 SERIAL NO. 10/103,450
~~087200,540~~

SUPPLEMENTAL LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. 60-002234US
~~8129-086-999 60-002233US~~

APPLICANT

Kumagai *et al.*

FILING DATE March 20, 2002
~~June 16, 1994~~ February 6, 2004

GROUP

~~1805~~ 1636

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AR	WO A 91 13994	19 Sept 1991	PCT				
	AS	WO A 91 13078	5 Sept 1991	PCT				
	AT	WO A 91 09128	27 June 1991	PCT				
	AU	EP A 0 425 004	2 May 1991	EPO				
	AV	WO A 90 12107	18 Oct 1990	PCT				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AW	Kumagai, <i>et al.</i> , 1995, "Cytoplasmic inhibition of carotenoid biosynthesis with virus-derived RNA," <u>Proc. Nat. Acad. Sci. USA</u> <u>92(5)</u> :1679-1683
	AX	Powers <i>et al.</i> , 1994, "Intracellular Immunization of Mosquito Cells to LaCrosse Virus Using a Recombinant Sindbis Virus Vector," <u>Virus Research</u> <u>32(1)</u> :57-67
	AY	Misawa <i>et al.</i> , 1993, "Functional expression of the <i>Erwinia uredovora</i> carotenoid biosynthesis gene <i>ctrl</i> in transgenic plants showing an increase of beta-carotene biosynthesis activity and resistance to the bleaching herbicide norflurazon," <u>The Plant Journal</u> <u>4(5)</u> :833-840
	AZ	Bramley <i>et al.</i> , 1992, "Biochemical Characterization of Transgenic Tomato Plants in Which Carotenoid Synthesis has been Inhibited Through the Expression of Antisense RNA to pTOM5," <u>The Plant Journal</u> <u>2(3)</u> :343-349
	BA	Hayes <i>et al.</i> , 1988, "Gene amplification and expression in plants by a replicating geminivirus vector," <u>Nature</u> <u>334</u> :179-182

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 65-003234US
00801-00805-999 65-003233US

not yet known
 APPLICATION NO.
00/260,546 10/103,450

APPLICANT
 Minto KUMAGAI, et al.

FILING DATE February 6, 2004
June 16, 1991 March 20, 2002

GROUP
1805 1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5, 272,065	Dec 21, 1993	Inouye, et al.	435	91.1	Jan 21, 1990
	5, 190,931	Mar 2, 1993	Inouye	435	91	Nov 15, 1989
	5, 107,065	Apr 21, 1993	Shewmaker et al. <i>duplicate</i>	800	205	Aug 30, 1988
	5, 453,566	Sept 26, 1995	Shewmaker et al. <i>(AA page 2)</i>	800	205	Aug 27, 1991

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						Yes No
						Yes No
						Yes No
						Yes No
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						Yes No
						Yes No
						Yes No
						Yes No
						Yes No
						Yes No
						Yes No
						Yes No
						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

page 5/10

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

PTO FORM 1449

ATTY. DOCKET NO.

60-00223305
00001-00000-0001

APPLICATION NO.

Not Yet known
10/103,450
000266,576

APPLICANT

Monto H. Kumagai, et al.

FILING DATE

February 6, 2004
March 20, 2002
March 9, 1999

GROUP

1636

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	5,539,093	09/23/96	Fitzmaurice, et al.	536	23.2	06/16/94

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	2.	EP 00 12 7988	10/15/01	European Search Report			X	
	3.	WO 00/42107	10/18/90	PCT duplicate (ref. AV, page 4)			X	
	4.	WO 90/12084	10/18/90	PCT			X	
	5.	WO 90/13078	09/05/91	PCT duplicate (ref. AS, page 4)			X	
	6.	WO 91/00428	06/27/91	PCT duplicate (ref. AT, page 4)			X	
	7.	WO 91/13994	09/19/91	PCT duplicate (ref. AR, page 4)			X	
	8.	WO 93/03161	02/18/93	PCT duplicate (ref. AC, page 2)			X	
	9.	WO 93/23551	11/25/93	PCT			X	
	10.	EP 0425004A	05/02/91	Europe duplicate (ref. AU, page 4)			X	

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	11.	Bramley, et al., "Biochemical characterization of transgenic tomato plants in which carotenoid synthesis has been inhibited through the expression of antisense RNA to pTOM5", <i>The Plant Journal</i> , 2(3):343-349 (1991)
	12.	Fray and Grierson, "Identification and genetic analysis of normal and mutant phytoene synthase genes of tomato by sequencing, complementation and co-suppression", <i>Plant Molecular Biology</i> , 22:589-602 (1993)
	13.	Hayes, et al., "Gene amplification and expression in plants by a replicating geminivirus vector", <i>Nature</i>, 334:179-182 (1988) duplicate (ref. BA, page 4)
	14.	Kumagai, et al., "Cytoplasmic Inhibition of Carotenoid Biosynthesis with Virus-Derived RNA", <i>Proc. Natl. Acad. Sci. USA</i> , 92:1670-1683 (1995) duplicate (ref. AW, page 4)
	15.	Misawa, et al., "Functional expression of the <i>Erwinia uredovora</i> carotenoid biosynthesis gene <i>cr1</i> in transgenic plants showing an increase of β -carotene biosynthesis activity and resistance to the bleaching herbicide quinclorazon", <i>The Plant Journal</i> , 4(5):833-840 (1993) duplicate (ref. AY, page 4)
	16.	Powers, et al., "Intracellular immunization of mosquito cells to LaCrosse virus using a recombinant Sindbis virus vectors", <i>Virus Research</i> , 32:57-67 (1994) duplicate (ref. AX, page 4)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p>LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)</p> <p>PTO FORM 1449</p> <p>COPY FROM PARENT</p>	<p>ATTY. DOCKET NO. <u>60-002234US</u> 60-002233US 008040086US91</p>	<p>APPLICATION NO. <u>10/103,450</u> 08/260,546</p>
	<p>APPLICANT Monto KUMAGAI, et al.</p>	
	<p>FILING DATE <u>February 6, 2004</u> March 20, 2002 June 16, 1994</p>	<p>GROUP <u>1636</u> 1605</p>

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,107,065	04-21-1992	Shewmaker, et al.			
	5,231,020	07-27-1993	Jorgensen, et al.	duplicate (see AB page 2)		

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			COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
		WO 91/13994	09-19-1991	PCT			
		WO 93/03101	02-10-1993	PCT	duplicate of AC, page 2		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	Bartley, et al., "A Tomato Gene Expressed during Fruit Ripening Encodes an Enzyme of the Carotenoid Biosynthesis Pathway," <i>Biol. Chem.</i> <u>267</u> (8):5036-5039 (1992)
	Bird, et al., "Using Antisense RNA to Study Gene Function: Inhibition of Carotenoid Biosynthesis in Transgenic Tomatoes," <i>Bio/Technology</i> <u>9</u> :635-639 (1991)
	Dawson, et al., "Regulation of Tobamovirus Gene Expression," <i>Adv. Virus Res.</i> <u>38</u> :307-341 (1990)
	Dawson, W.O., et al., "cDNA cloning of the complete genome of tobacco mosaic virus and production of infectious transcripts," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> :1832-1836 (1986)
	Dawson, et al., "Systemic expression of a bacterial gene by a tobacco mosaic virus-based vector," <i>Proc. Natl. Acad. Sci. USA</i> <u>88</u>:7204-7208 (1991) duplicate (AK page 3)
	Gray, et al., "Molecular biology of fruit ripening and its manipulation with antisense genes," <i>Plant Mol. Bio.</i> <u>19</u>:69-87 (1992) duplicate (AM, page 3)
	Grierson, et al., "Does co-suppression of sense genes in transgenic plants involve antisense RNA?" <i>Trends in Biotech.</i> <u>9</u> :122-123 (1991)
	Kumagai, et al., "Rapid high-level expression of biologically active α -trichosanthin in transfected plants by an RNA viral vector," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :427-430 (1993)

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<p>LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)</p> <p>PTO FORM 1449</p> <p>COPY FROM PARENT</p>		<p>ATTY. DOCKET NO. <u>60-002234US</u> 60-002233US 008010086US01</p>	<p>APPLICATION NO. <u>07/103,450</u> 06/200,546</p>
		<p>APPLICANT Monto KUMAGAI, et al.</p>	
		<p>FILING DATE <u>February 6, 2004</u> March 20, 2002 June 16, 1994</p>	<p>GROUP <u>1636</u> 1805</p>
		<p>Mol, et al., "Regulation of plant gene expression by antisense RNA," <i>FEBS Lett.</i> <u>268</u>:427-430 (1990)</p>	
		<p>Napoli, C., et al., "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes in trans," <i>Plant Cell</i> <u>2</u>:279-289 (1990)</p>	
		<p>Pecker, et al., "A single polypeptide catalyzing the conversion of phytoene to ζ-carotene is transcriptionally regulated during tomato fruit ripening," <i>Proc. Natl. Acad. Sci. USA</i>, <u>89</u>:4962-4966 (1992) — duplicate (pg 2, ref AL)</p>	
		<p>Rolhstein, et al., "Stable and heritable inhibition of the expression of nopaline synthase in tobacco expressing antisense RNA," <i>Proc. Natl. Acad. Sci. USA</i> <u>84</u>:8430-8443 (1987) (duplicate/AD pg 2)</p>	
		<p>Seelnick and Bartley, "Phytoene Desaturase from Arabidopsis," <i>Plant Physiol.</i> <u>103</u>:1475 (1993) duplicate (AN pg 3)</p>	
		<p>Smith, et al., "Antisense RNA inhibition of polygalacturonase gene expression in transgenic tomatoes," <i>Nature</i> <u>334</u>:724-726 (1988) — (duplicate/AE)</p>	
		<p>Van der Krol, A.R., et al., "An anti-sense chalcone synthase gene in transgenic plants inhibits flower pigmentation," <i>Nature</i> <u>333</u>:866-869 (1988)</p>	
		<p>Van der Krol, A.R., et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences," <i>BioTechniques</i> <u>6</u>(10):958-976 (1988)</p>	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left; padding: 2px;">Complete if Known</th> </tr> <tr> <td style="width: 50%; padding: 2px;">Application Number</td> <td style="padding: 2px;">10/103,450 Not Yet known</td> </tr> <tr> <td style="padding: 2px;">Filing Date</td> <td style="padding: 2px;">March 20, 2002 February 6, 2004</td> </tr> <tr> <td style="padding: 2px;">First Named Inventor</td> <td style="padding: 2px;">Monto Hiroshi Kumagai</td> </tr> <tr> <td style="padding: 2px;">Group Art Unit</td> <td style="padding: 2px;">1636</td> </tr> <tr> <td style="padding: 2px;">Examiner Name</td> <td style="padding: 2px;">T rry Alan McKelvey</td> </tr> <tr> <td style="padding: 2px;">Attorney Docket Number</td> <td style="padding: 2px;">60-002233US 60-002234US</td> </tr> <tr> <td style="padding: 2px;">Date Submitted</td> <td style="padding: 2px;">September 2, 2003 February 6, 2004</td> </tr> </table>	Complete if Known		Application Number	10/103,450 Not Yet known	Filing Date	March 20, 2002 February 6, 2004	First Named Inventor	Monto Hiroshi Kumagai	Group Art Unit	1636	Examiner Name	T rry Alan McKelvey	Attorney Docket Number	60-002233US 60-002234US	Date Submitted	September 2, 2003 February 6, 2004
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Date Submitted	September 2, 2003 February 6, 2004																

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal

FOREIGN PATENT DOCUMENTS								
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		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	
	1	AOYAGI et al., "Nucleotide sequence of the tobacco mosaic virus (tomato strain) genome and comparison with the common strain genome," J.Biochem., 96(6):1915-23; 1984.		
	2	International Committee on Taxonomy of Viruses (ICTV) "00.071.0.01 Tobamovirus: Tobacco mosaic virus (TMV)" Pages 1-5. http://www.ictvdb.rothamsted.ac.uk/ictv/fs_tobam.htm .		
	3	X02144: Tobacco Mosaic virus tomato strain; gi:62128.		

Examiner Signature	Date Considered
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Notice of References Cited

(892)

Application/Control No.

Not yet known
10/103,450

Applicant(s)/Patent Under

Reexamination Examination

KUMAGAI ET AL.

Examiner

Terry Mckelvey

Art Unit

1636

Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,231,020	07-1993	Jorgensen et al,	435/172.3
	B	US-5,316,931	05-1994	Donson et al.	435/172.3
	C	US-5,922,602	07-1999	Kumagai et al,	435/468
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Aurora Fraile et al, A classification of the tobamoviruses based on comparisons among their 126K proteins, Journal of General Virology 1990, 71. 2223-2228.
	V	Julie Gray et al, Molecular biology of fruit ripening and its manipulation with antisense genes, APlant Molecular Biology 19: 69-87. 1992.
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.